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| Mr. Michael T. Davis  Calculus  This THQ is due at the start of class on Monday, March 6 | | Sections 4.3 & 4.4 Take-Home Quiz  March 3, 2017 | |
| Name: | |

1. Find  given 
2. Find  given 
3. Find  given 
4. A particle moves along the x-axis so that its position at any time  is given by . Find the velocity of the particle at  seconds.
5. Write an equation for the line tangent to the graph of  at the point .
6. Determine  given 
7. Determine  given 
8. Determine  given 
9. Determine  given 
10. An equation of the line NORMAL to the curve of  at the point where  is given by:
11. 
12. 
13. 
14. 
15. 